



# PPD’s News to Live By

September 2013

PPD ESH Newsletter Archives

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## PPD Building Manager Changes

**\*\*This information is beneficial to employees and users who reside or work outside of Wilson Hall. \*\***

The PPD building management group has undergone some changes to better serve the employee and user communities. Highlights of the changes are:

- Chris Richardson is now the building manager for NM4, HIL and the Training Center
- Steve Huey is now the building manager for FTBF (MDB West)
- Leonard Nelson is the building manager for LArTF
- Wayne Shaddix is now the building manager for Lab G

The full list of PPD buildings and the respective building managers can be found [here](#).



## Securing items during transport

“Please use caution when opening overhead bins, as articles may have shifted during the flight.”

When transporting items on-site, make sure they are secured in the vehicle to prevent them from moving around during the transport.

## Caution: Lead Paint During Decommissioning and Demolition

This is a reminder to have all paint inspected for lead during all decommissioning and demolition jobs involving buildings and experiments. Recently it was discovered that the paint on the North and South Muon walls for the CDF experiment contained small amounts of lead. The plan was to deconstruct these walls by torching the welds and lifting each block off separately. After discovering the lead paint it was necessary to strip off the paint on each weld before the torching activities could begin.

If you have any questions about lead paint contact Rob Bushek at ext. 2399.



## Compressed Gas Cylinder Storage Safety

Some gas cylinder storage safety reminders:

- Cylinders must be secured at all times.
- Store in a well-ventilated area.
- Segregate cylinders by the hazard category (e.g. flammable, oxidizing, etc.)
- Store oxygen cylinders (full or empty) separately from fuel-gas cylinders by a minimum distance of 20 feet, or a fire barrier.
- Store full cylinders separately from empty cylinders.
- When not in use, remove regulators and attachments and replace cap.

Additional gas cylinder storage information can be found at the following resources:

- Fermilab’s [Compressed Gas Cylinder Safety Training Booklet](#)
- OSHA’s [Compressed Gas and Equipment](#) topic page
- The Office of Compliance’s fast facts: [Pressurized Cylinders](#)

## FESHM Chapter 5023—Powered Industrial Trucks has been updated

Please note the following changes:

- ◊ The lead evaluator program was removed. Division evaluators are designated and now evaluated by the division ES&H.
- ◊ The Forklift Operator Evaluator Form was updated.

Check out the updated chapter [here](#).

## Laptop Battery Safety

With all the [recalls](#) of laptop batteries due to fire hazards, we are left to wonder how safe are the batteries in our laptops? We can take comfort in knowing that while lithium-ion batteries can spontaneously burst into flames, it is a rare occurrence. With proper care of your laptop and its battery, the risk of fire decreases significantly. Below are some [notebook computer safety tips](#):

- Periodically check the Consumer Product Safety Commission’s [website](#) for recalls on your electronics.
- Only use compatible computer batteries and chargers. Contact the product manufacturer if unsure.
- Power down when not in use to prevent overheating, and adjust the power settings to hibernate or go into standby when the laptop is not in use for a certain amount of time.
- Do not use your computer on soft surfaces (such as a bed, blanket, sofa, carpet, etc.) that obstruct the computer air vents.
- Do not get your computer or battery wet.
- Do not place/leave the computer in areas that can get very hot (e.g. in a parked car).



As battery technology advances, [lithium-ion battery safety](#) research is a priority. Researchers at Argonne National Laboratory are researching “[self-healing](#)” materials that will melt when heated to high temperatures, preventing the lithium ions from traveling resulting in the battery shutting down. With continued research, even safer batteries are just on the horizon.



## National Preparedness Month

September is National Preparedness Month. Take some time this month to review your personal emergency plan. What will you (and your family) do if there is a tornado, fire, etc.? Where will everyone meet?

For some useful tips in preparing for emergencies, check out [Ready.gov](#).

## The “Doh!” Photos of the Month



## PPD August Injuries

8/6/2013—Employee was checking a gas cylinder rack for wasp nests. When he bent over to look under a structural member, some wasps came towards him. While stepping back, he tripped and fell, causing an abrasion to his right shoulder. First aid only.

8/19/2013—Employee was assisting another employee in lifting a steel piece (weighing approximately 100 pounds) into a scrap hopper. While attempting to push the piece over the edge of the hopper, it shifted, crushing 2 of the employee's fingers between the piece and the edge of the hopper. The employee received lacerations and contusions on two fingers on his right hand. Fingers have been splinted, and this a DART injury.

8/21/2013—Employee had transported PVC tubes that surround piping insulation in her personal vehicle. The tubes had been stood up in the rear cargo area of her SUV. During the transport the tubes shifted. Employee was aware that they had shifted and while opening the hatch of her vehicle attempted to control them. One of the pipes rolled out and hit the inside of her right ankle causing an abrasion. First aid only.